Avira

# ICAP
## for AVIRA SAVAPI
Local scan engine for
Internet traffic and HTTP proxy

ICAP

**Avira's ICAP server** delivers the industry's best malware protection for your customers' web based traffic. The Avira ICAP server includes the SAVAPI SDK and is an ideal technology for those vendors looking to build their own branded solution without the burden of having to undertake low level integration. It works seamlessly with SQUID and other ICAP clients.

Ideal for integration in complex security solutions such as Unified Threat Management, Next Generation Firewall or web filtering solutions the ICAP server provides you with the ability to filter or scan files to/from the Internet. Delivered as a binary package, it enables integration by simply configuring the ICAP port and the license file.


KEY FEATURES:

- Runs on all major Linux distributions (Redhat, Ubuntu, Suse, Debian)
- Runs on Intel compatible processors
- Highly customizable templates to allow branding
- Fully compatible with SQUID and many other ICAP Clients
- Designed for high performance, reliability, and low resource usage
- Capable of filtering on file extension and requested content type
- Multi-threading ready
- Multi-processing ready
- Own licensing mechanism
- Own updater with HTTPS Support and without service interruption

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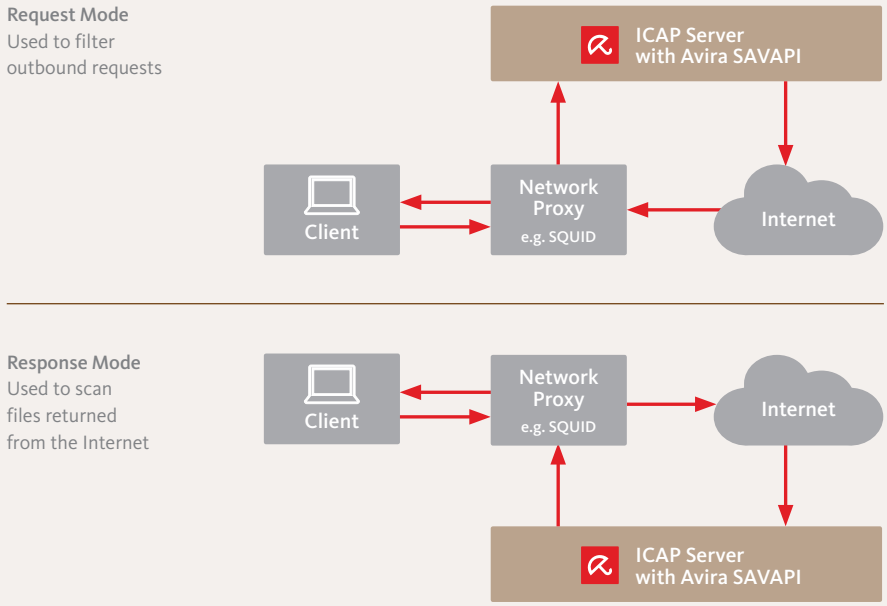
## Application

ICAP Server with SAVAPI SDK operates in a Request or Response mode, depending on whether filtering, or scanning, of files is required.

In Request mode, traffic from a client is routed by the proxy to the ICAP server which applies policies to filter the traffic based on a number of criteria including file extension or content type (application / executable / streaming traffic).

In Response mode, the ICAP server scans the file presented in the return path for malware, before it is delivered to the client.




## Specifications

- ***Size:***
  > 250MB
- ***Supported OS / Hardware:***
  Linux / Intel
- ***Implementation:***
  Daemon
- ***Functionality:***
  99.9% Detection rate
  Generic and heuristic
  Advanced archive scanner
  Interfaces with Avira Protection Cloud
- ***Scan and Detection:***
  Malicious Windows .exe / .dll
  Linux, MacOS and Android malware
  Malicious script: JavaScript, VBScript etc
  Office docs and embedded macros
- ***Unarchiving:***
  All known archives
  Flag password protected archives
- ***Decoders:***
  MBOX, MIME attachments
- ***Adware and Spyware** (selection):*
  Worms, mailers
  Web-based malware
  (HTML, JavaScript, VBS)
  Script virus DOS Batch MIRC/ IRC script
  Shell script (Bash etc.)
  PIF, INI, REG (ASCII)
- ***Viruses** (selection):*
  Encrypters, Polymorphic & Metamorphic viruses
  Stealth viruses, Boot /File/MultiPartite
  Java Applets, Exploits in file formats.
  SPR (Security Privacy Risk e.g.: Jokes)

## Contact Avira


**Europe, Middle East, Africa**

Avira
Kaplaneiweg 1 | 88069 Tettnang
Germany
Tel: +49 7542 5000
Email: oem@avira.com

**Americas**

Avira, Inc.
c/o WeWork
75 E Santa Clara St., Suite 600, 6th floor
San José | CA 95113 | United States
Tel: (800) 403-5207 | Email: oem@avira.com

**Asia / Pacific and China**

Avira Avira Pte Ltd
50 Raffles Place
32-01 Singapore Land Tower
Singapore 048623
Email: oem@avira.com

**Website:** oem.avira.com | **Blog:** insights.oem.avira.com | **Social Media:** @AviraInsights